

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

WIDE FORMAT PRINTER

DESCRIPTION:

This specification sets forth the minimum requirements for a wide format printer capable of printing graphics on sign substrates and vinyl as well as producing vehicle decals.

REQUIREMENTS:

Substrate Compatibility

Printer must be capable of handling substrates with the following:

- Widths from 12.4-inches to 64-inches.
- Core diameter of 2-inches or 3-inches.
- Outer Roll Diameters up to 8-inches (or more).
- Weight up to 88-lbs (or more).

At a minimum, the printer must be able to be print on the following substrates:

- Avery Dennison
 - T-11500, White
 - V-4000, White
 - T6500 Series, White T-6500
- 3M Company
 - DG3, White 4090
 - High Intensity Prismatic, White 3930
 - 680CR-10, White

Ink

Printer must include six (6) cartridges/pouches with a minimum capacity of 500 ml in the following colors:

- Black
- Cyan
- Magenta
- Yellow
- Light Magenta
- Light Cyan

Capabilities

When using eight (8) passes, the printer must have a rate of production equal to or greater than 9.6 square meters per hour (m²/h) of finished product with a minimum of 1200 DPI (Dots per Inch).

Accessories & Software

Printer must come complete with an automatic take-up system, an automatic cutter, edge holders, one (1) maintenance/cleaning cartridge/pouch, system specific software, and a one (1) year subscription of Sai Flexi.

Printer must be compatible with the Summa F1612 cutter currently in use at LADOTD.

INSTALLATION AND TRAINING

Printer shall be new and never used prior to installation. Contractor is responsible for installation of the unit and must ensure it is properly functioning at full capacity before acceptance by the Department.

Contractor shall provide up to three (3) eight (8) hour in person training sessions for up to eight (8) Department personnel. Training should occur directly after installation is complete unless otherwise agreed to by the Department contact designee, Jason Haraway.

Contractor shall contact Jason Haraway at Jason.Haraway@la.gov to arrange installation and training dates at least two (2) weeks prior to arrival. Installation and training must be performed during normal business hours, Monday - Thursday, 7:00AM - 4:00PM except for holidays, weekends or times of disaster.

In person training must include at a minimum:

- Preventative maintenance
- Troubleshooting
- Operational system and SAI Flexi software training with use of LADOTD provided designs and substrate(s)
- Integration training on how to use the Summa F1612 cutter and the Sai Flexi software to cut out prints once they are laminated.

WARRANTY

Printer must come with a standard manufacturer's warranty.

DOCUMENTATION

A minimum of two (2) copies of the user's manual must be included. One (1) digital copy on a flash drive and one (1) hard copy is acceptable.

APPROVED BRAND AND MODEL

Roland TrueVis VG2 640, HP Latex 365, or equal.